



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

NEVILL et al.

Atty. Ref.: 550-192; Confirmation No.

Appl. No. 09/731,060

TC/A.U. 2122

Filed: December 7, 2000

Examiner: Nguyen, A.

For: SCHEDULING CONTROL WITHIN A SYSTEM HAVING MIXED HARDWARE  
AND SOFTWARE BASED INSTRUCTION EXECUTION

\* \* \* \* \*

May 20, 2004

**RECEIVED**

MAY 26 2004

Technology Center 2100

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

In response to the Official Action dated January 20, 2004 (for which petition is hereby made for a one month extension of time), please amend the above-identified application as follows:

05/21/2004 ZJUHA1 00000030 09731060

01 FC:1251

110.00 OP

**AMENDMENTS TO THE ABSTRACT:**

Please amend the Abstract as follows:

A processing system provides both hardware instruction translation and software instruction interpretation mechanisms for supporting high level program instructions. All of the program instructions are supplied to the hardware translation unit which forwards those instructions it does not itself support to the software interpretation mechanism. By routing all program instructions through the hardware translation unit, the hardware translation unit is able to monitor when it is appropriate and safe to trigger a scheduling operation for controlling multitasking or multithreaded operations. The scheduling operations may be triggered based upon a count of executed program instructions or by using a timer based scheduling approach with the timer signal being qualified by a signal indicating an appropriate point within the cycle of execution of program instructions.

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Atty Dkt. 550-192

C# M#

NEVILL et al.

TC/A.U.

2122

Serial No. 09/731,060

Examiner: Nguyen, A.

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Title: SCHEDULING CONTROL WITHIN A SYSTEM HAVING MIXED HARDWARE AND  
SOFTWARE BASED INSTRUCTION EXECUTIONCommissioner for Patents  
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Technology Center 2100

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☐ **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment 0 minus highest number  
previously paid for 20 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 0 minus highest number  
previously paid for 3 (at least 3) = 0 x \$ 86.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$290.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months) \$ 110.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$770.00) \$ 0.00

☐ Please enter the previously unentered , filed

☐ Submission attached

**Subtotal \$ 110.00**

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: Replacement Drawing of Figure 9 0.00

**TOTAL FEE ENCLOSED \$ 110.00**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON &amp; VANDERHYE P.C.

By Atty: John R. Lastova, Reg. No. 33,149

Signature: 